

**IN THE CLAIMS:**

Please cancel claims 1-12 without prejudice to or disclaimer of the subject matter recited therein.

Please add new claims 13-24 as follows:

**LISTING OF CURRENT CLAIMS**

Claims 1-12 (Cancelled)

Claim 13. (New) An electrical connector with a grounding structure comprising:

- a) an insulating body;
- b) a plurality of transmitting terminals inserted into the insulating body;
- c) a cable assembly having:
  - i) a plurality of conductive jacket layers;
  - ii) a plurality of transmitting units, each of the plurality of transmitting units having an outer periphery surrounded by one of the plurality of conductive jacket layers, one of the plurality of transmitting is positioned above each of the plurality of transmitting terminals; and
  - iii) an insulation layer surrounding the plurality of transmitting units and the plurality of conductive jacket layers;
- d) a grounding part having:
  - i) a contacting part contacting the plurality of conductive jacket layers; and
  - ii) a plurality of grounding terminals extending outwardly and inserted into the insulating body; and
- e) an outer jacket encasing the insulating body, the plurality of transmitting terminals, the cable assembly, and the grounding part.

Claim 14. (New) The electrical connector according to claim 13, further comprising a conducting part surrounding the plurality of conductive jacket layers and the grounding part.

Claim 15. (New) The electrical connector according to claim 14, wherein the conducting part is made of a metal material selected from a group consisting of copper sheet and copper ring.

Claim 16. (New) The electrical connector according to claim 13, wherein each of the plurality of conductive jacket layers is an aluminum foil Mylar.

Claim 17. (New) The electrical connector according to claim 13, wherein the grounding part is made of a conductive material.

Claim 18. (New) The electrical connector according to claim 13, wherein each of two opposing sides of the contacting part includes a wing portion.

Claim 19. (New) An electrical connector with a grounding structure comprising:

- a) an insulating body;
- b) a plurality of transmitting terminals inserted into the insulating body;
- c) a cable assembly having:
  - i) a plurality of conductive jacket layers;
  - ii) a plurality of transmitting units, each of the plurality of transmitting units having an outer periphery surrounded by one of the plurality of conductive jacket layers, one of the plurality of transmitting is positioned above each of the plurality of transmitting terminals; and
  - iii) a first insulation layer surrounding the plurality of transmitting units and the plurality of conductive jacket layers;
  - iv) a metal braid surrounding an outer periphery of the first insulation layer; and

- v) a second insulation layer surrounding an outer periphery of the metal braid, the metal braid is reversely bent at an open end and overlapping an outer periphery of an end of the second insulation layer;
- d) a grounding part having:
  - i) a contacting part contacting the plurality of conductive jacket layers; and
  - ii) a plurality of grounding terminals extending outwardly and inserted into the insulating body;
- e) first and second conducting parts, the first conducting part having a third insulating layer covering an outer surface thereof and clamping the plurality of conductive jacket layers and the grounding part, and the second conducting part surrounding the metal braid located on the outer periphery of the end of the second insulation layer;
- f) a metal housing encasing the insulating body, the plurality of transmitting terminals, the cable assembly, the grounding part, and the first and second conducting parts, the metal housing having a holding portion located on a end thereof and engaging an outer periphery of the second conducting part; and
- g) an outer jacket encasing metal housing.

Claim 20. (New) The electrical connector according to claim 19, wherein each of the plurality of conductive jacket layers is an aluminum foil Mylar.

Claim 21. (New) The electrical connector according to claim 19, wherein the grounding part is made of a conductive material.

Claim 22. (New) The electrical connector according to claim 19, wherein the conducting part is made of a metal material selected from a group consisting of copper sheet and copper ring.

Application No. 10/815,861

Claim 23. (New) The electrical connector according to claim 19, wherein the third insulating layer is an insulating gummed tape.

Claim 24. (New) The electrical connector according to claim 19, wherein each of two opposing sides of the contacting part includes a wing portion.